

FIG. 1

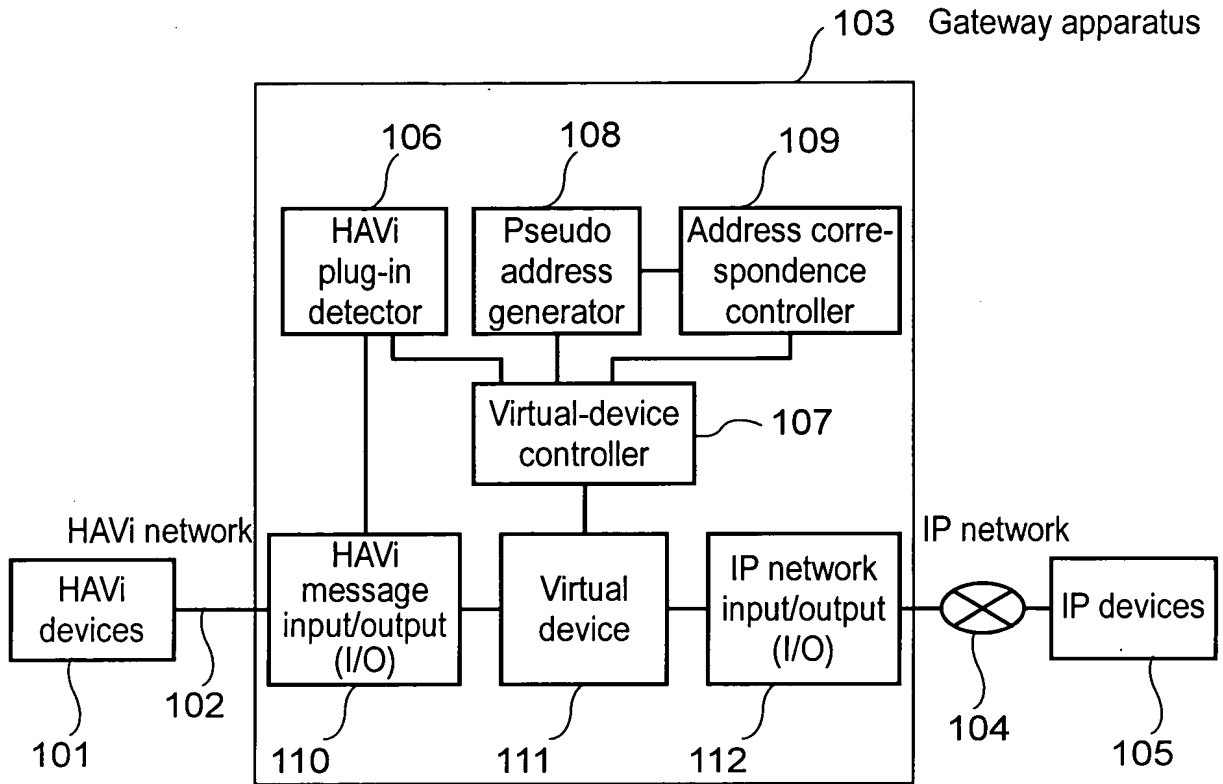


FIG. 2

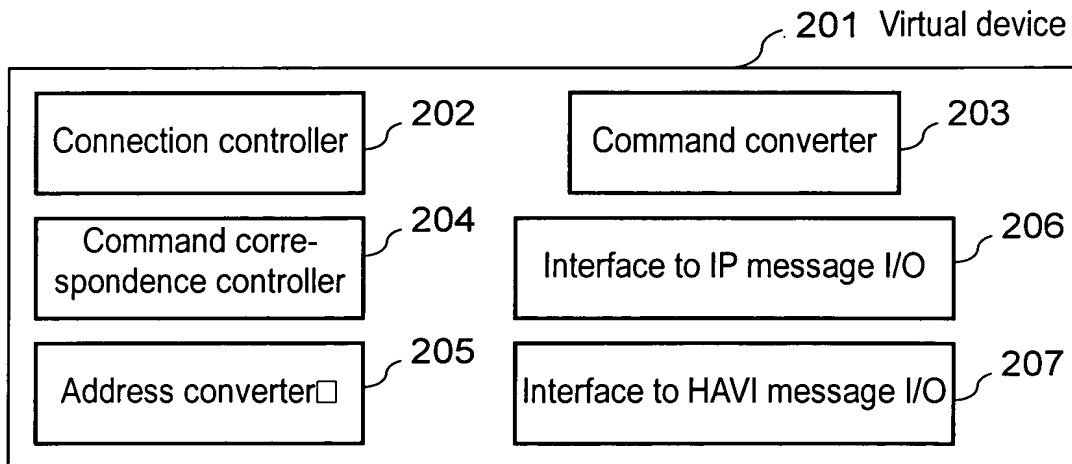
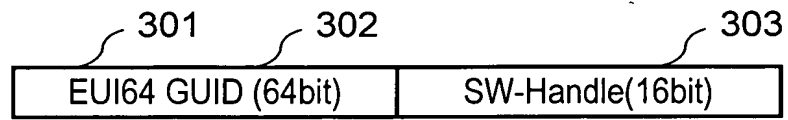


FIG. 3



00000000 00000000 00000000 00000000

FIG. 4

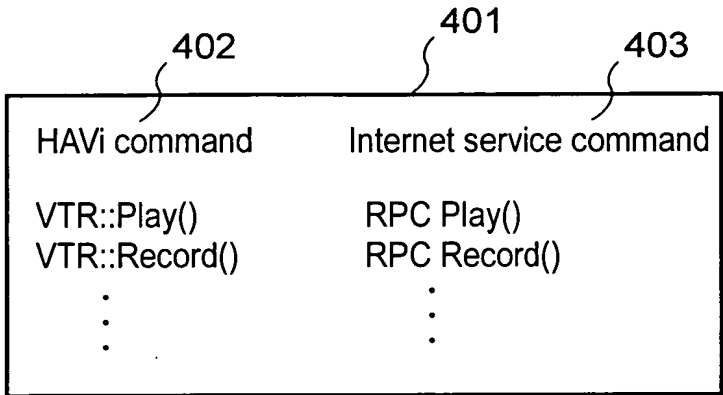


FIG. 5

502 Connection	503 HAVi-side address	501 Internet-side address	504
Virtual VTR-IP client 1	10-2	192. 0. 0 1:8080	
Virtual VTR-IP client 2	10-3	192. 0. 0 1:8080	
Virtual DTV-IP client 3	10-4	192. 0. 0 1:8081	

FIG. 6

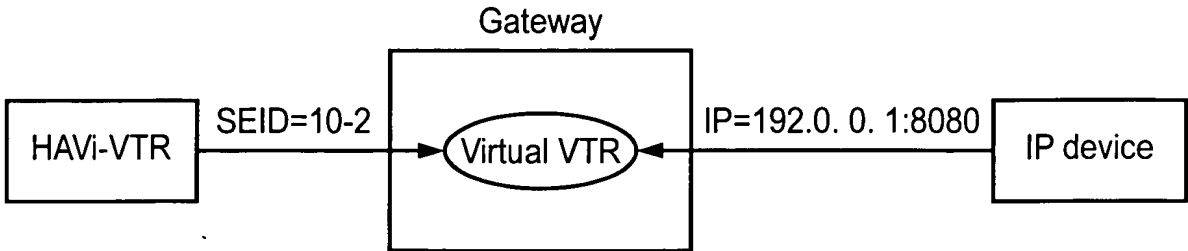


FIG. 7

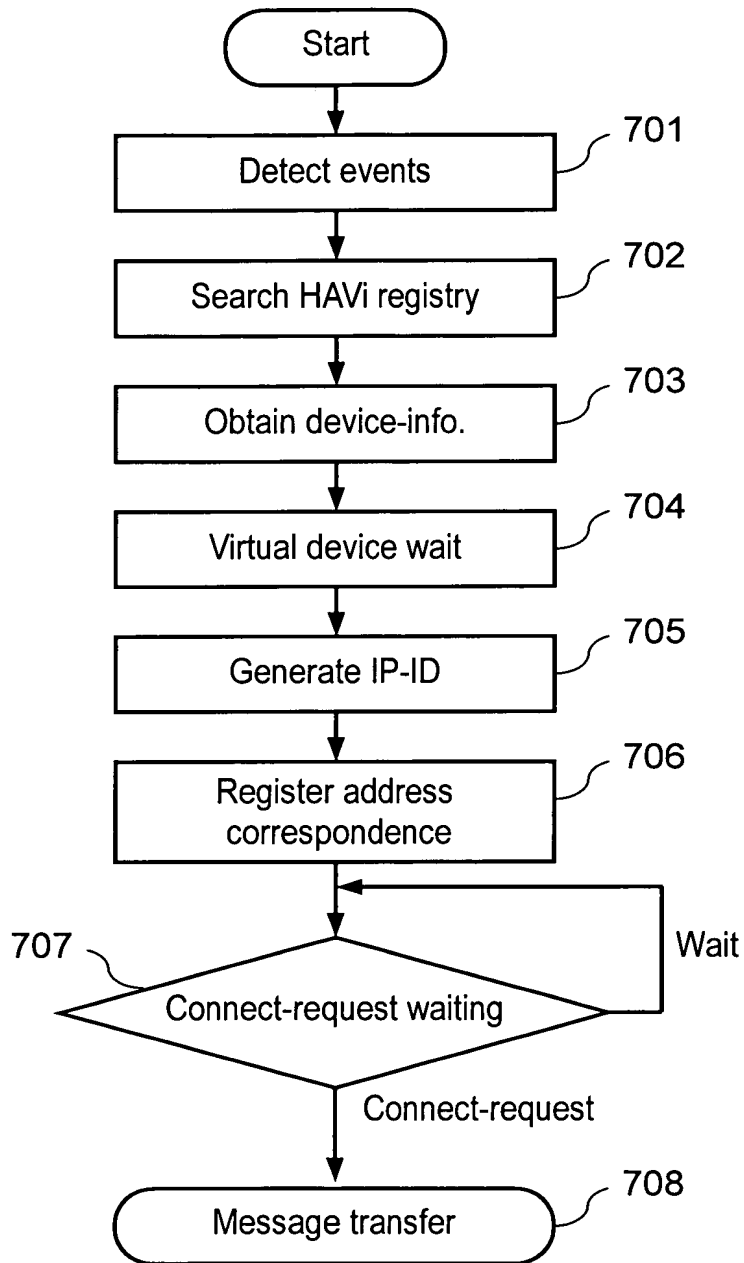


FIG. 8

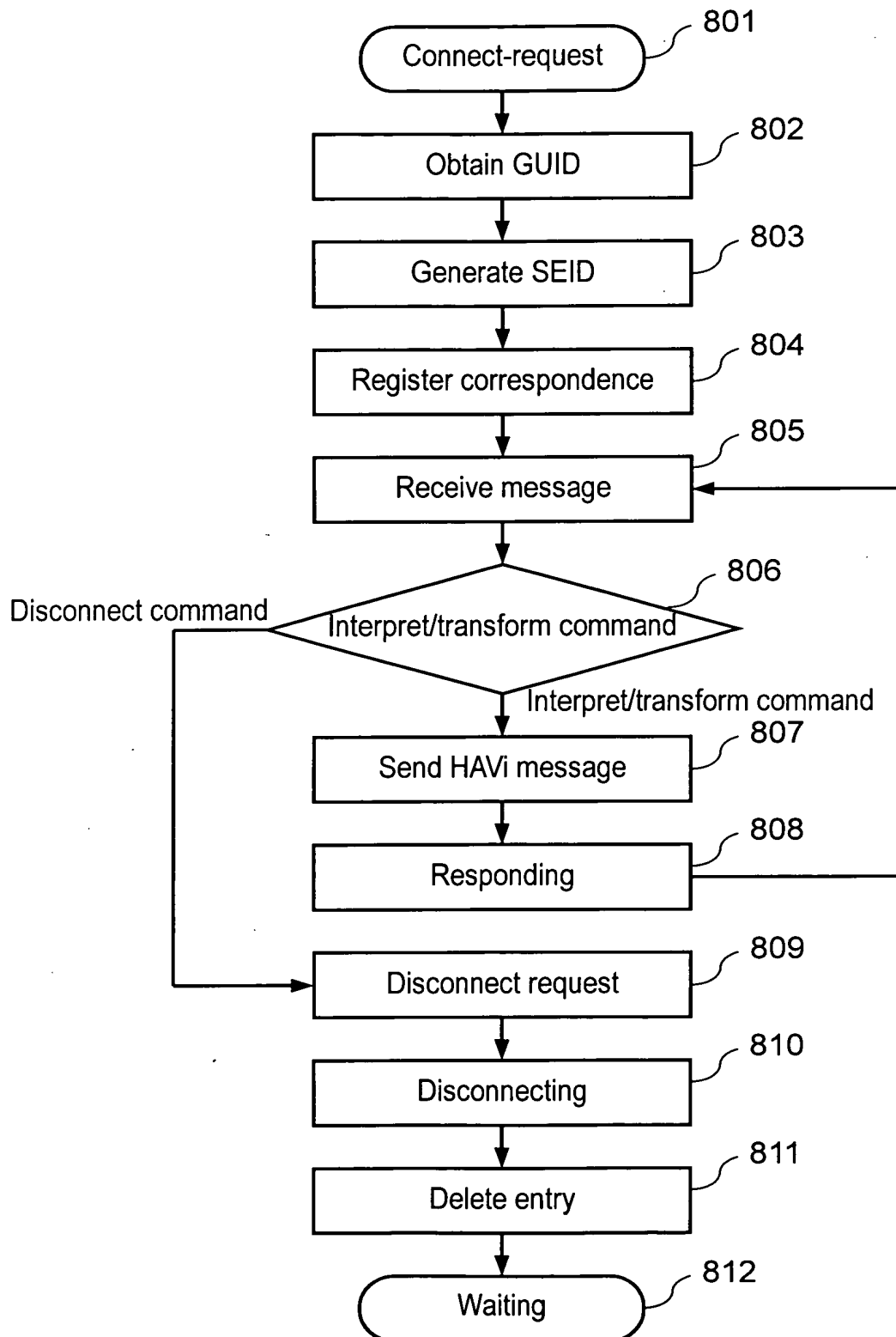


FIG. 9

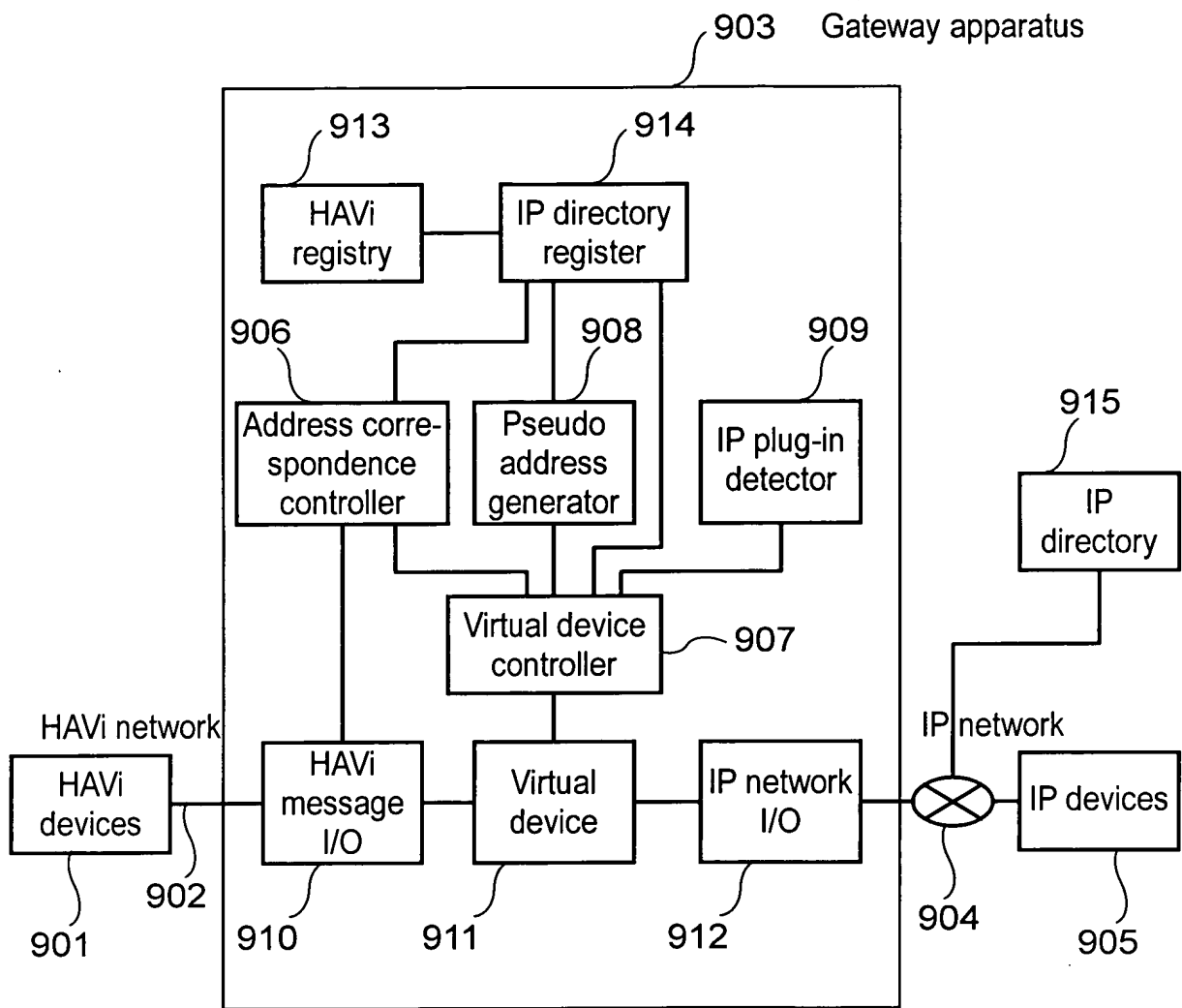
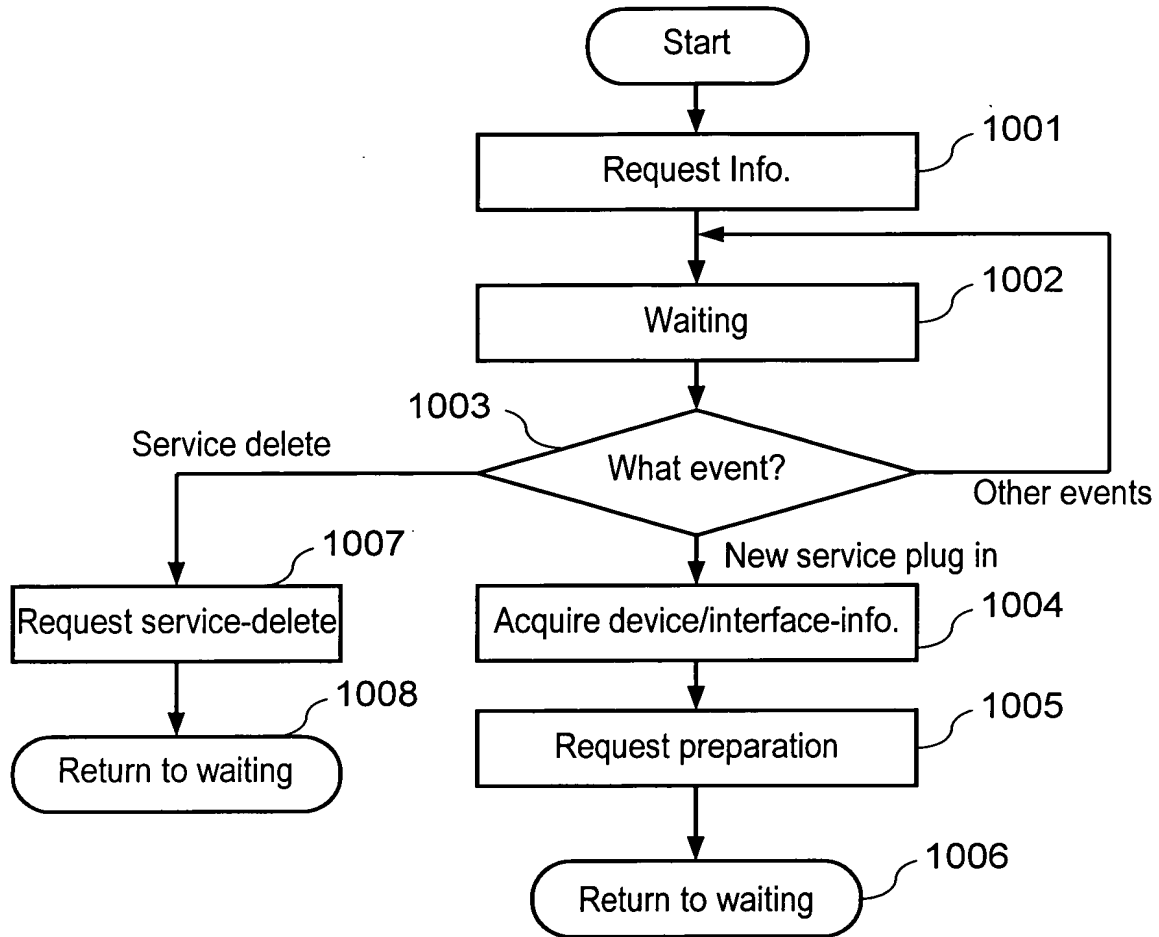


FIG. 10



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FIG. 11A

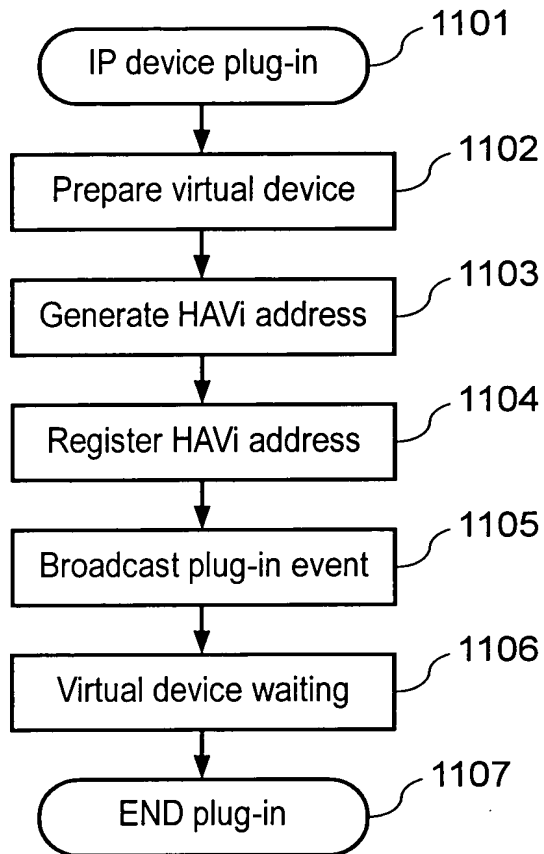


FIG. 11B

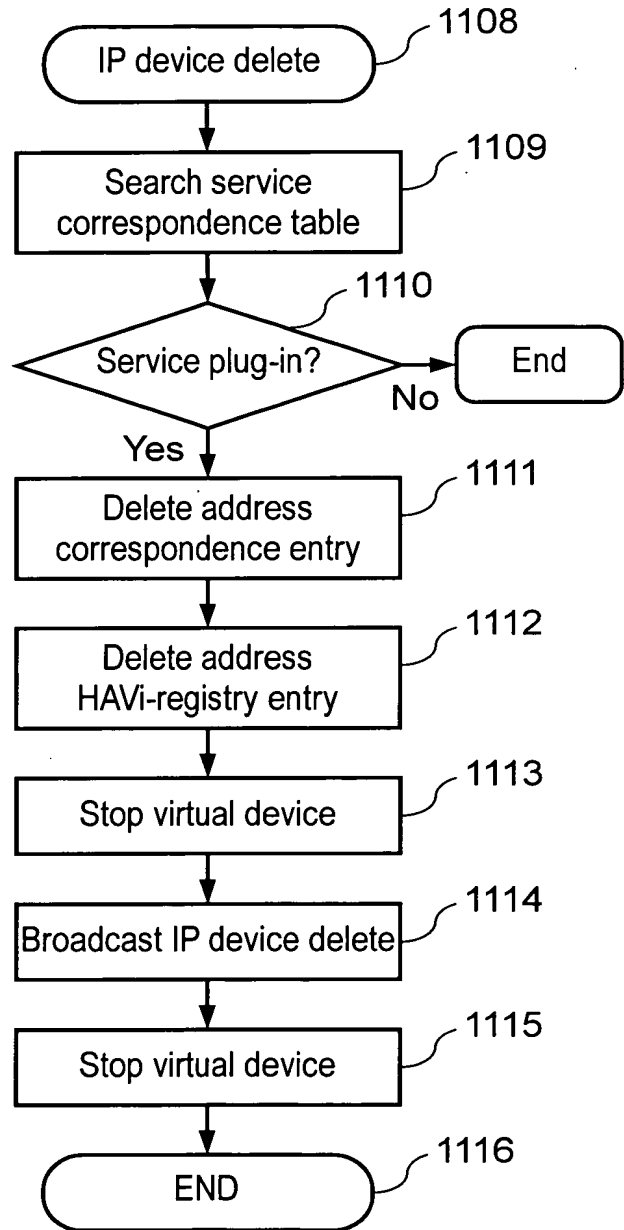


FIG. 12

Connection	HAVi-side address	Internet-side address
HAVi client-Virtual printer	10-5	192. 0. 0 1

FIG. 13

Service	HAVi HUID	Internet service ID
IP network printer	10-5	12E83420A

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FIG. 14

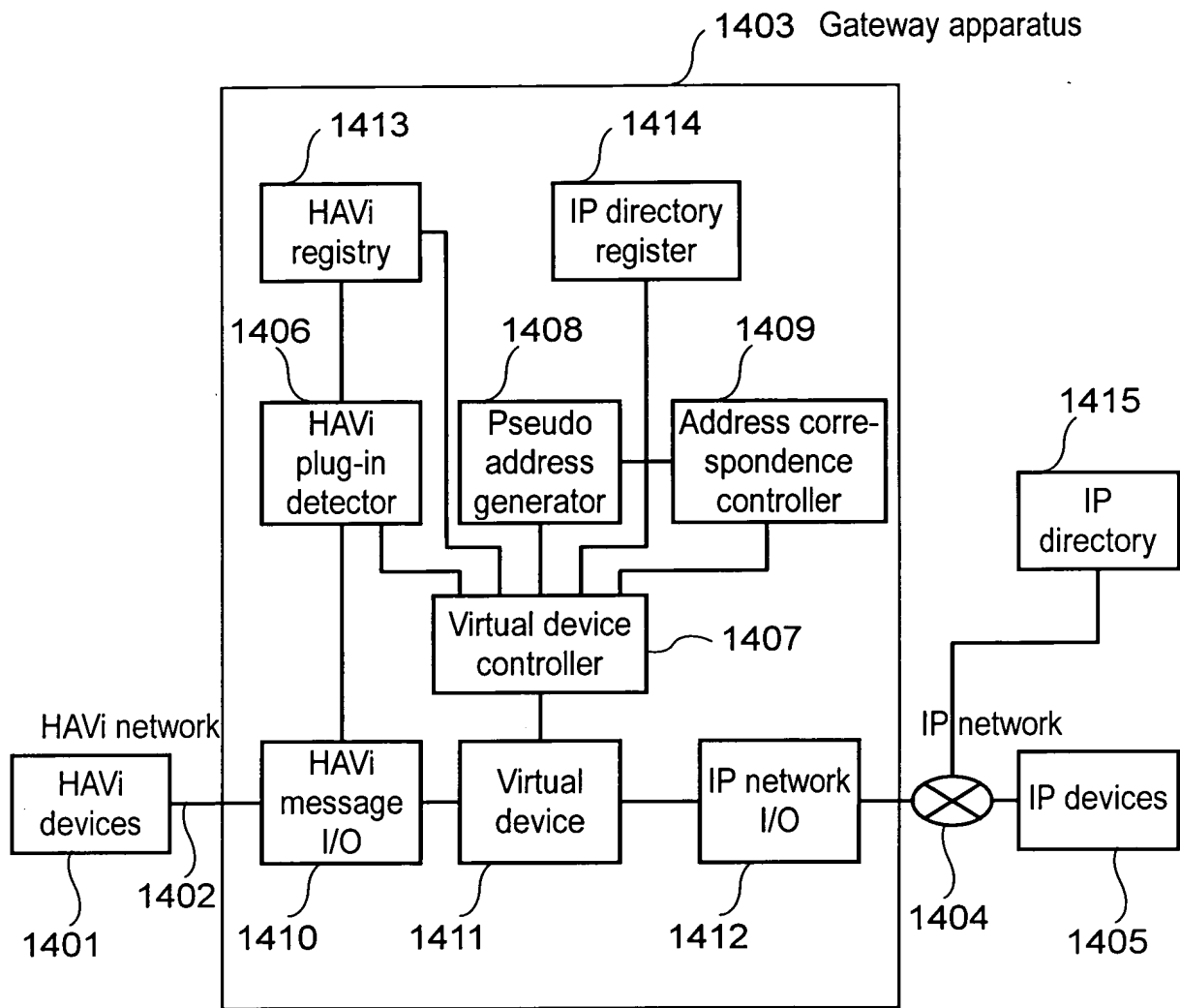


FIG. 16A

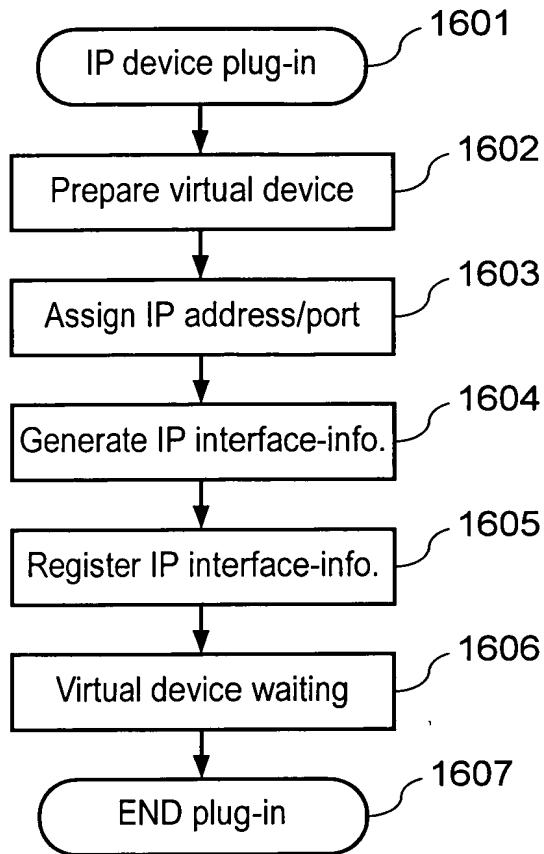


FIG. 16B

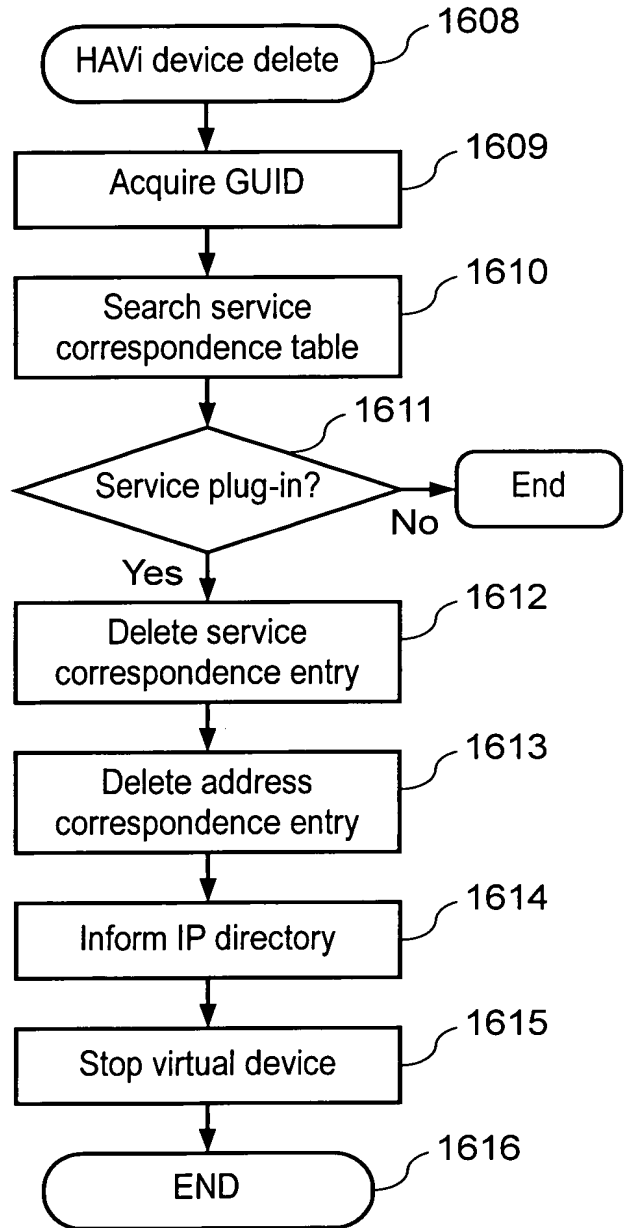


FIG. 17

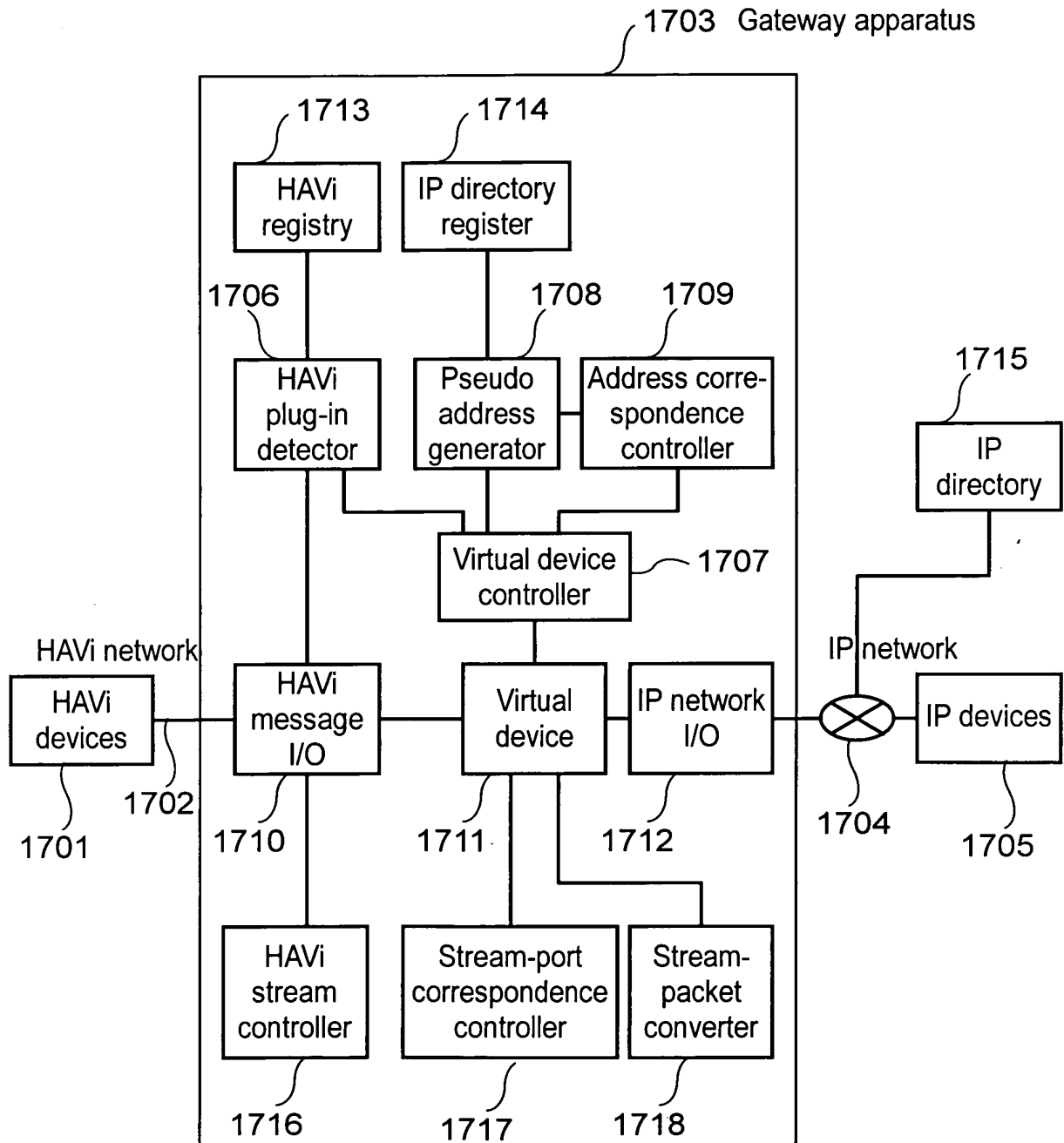


FIG. 18

Sequence diagram (Establish)

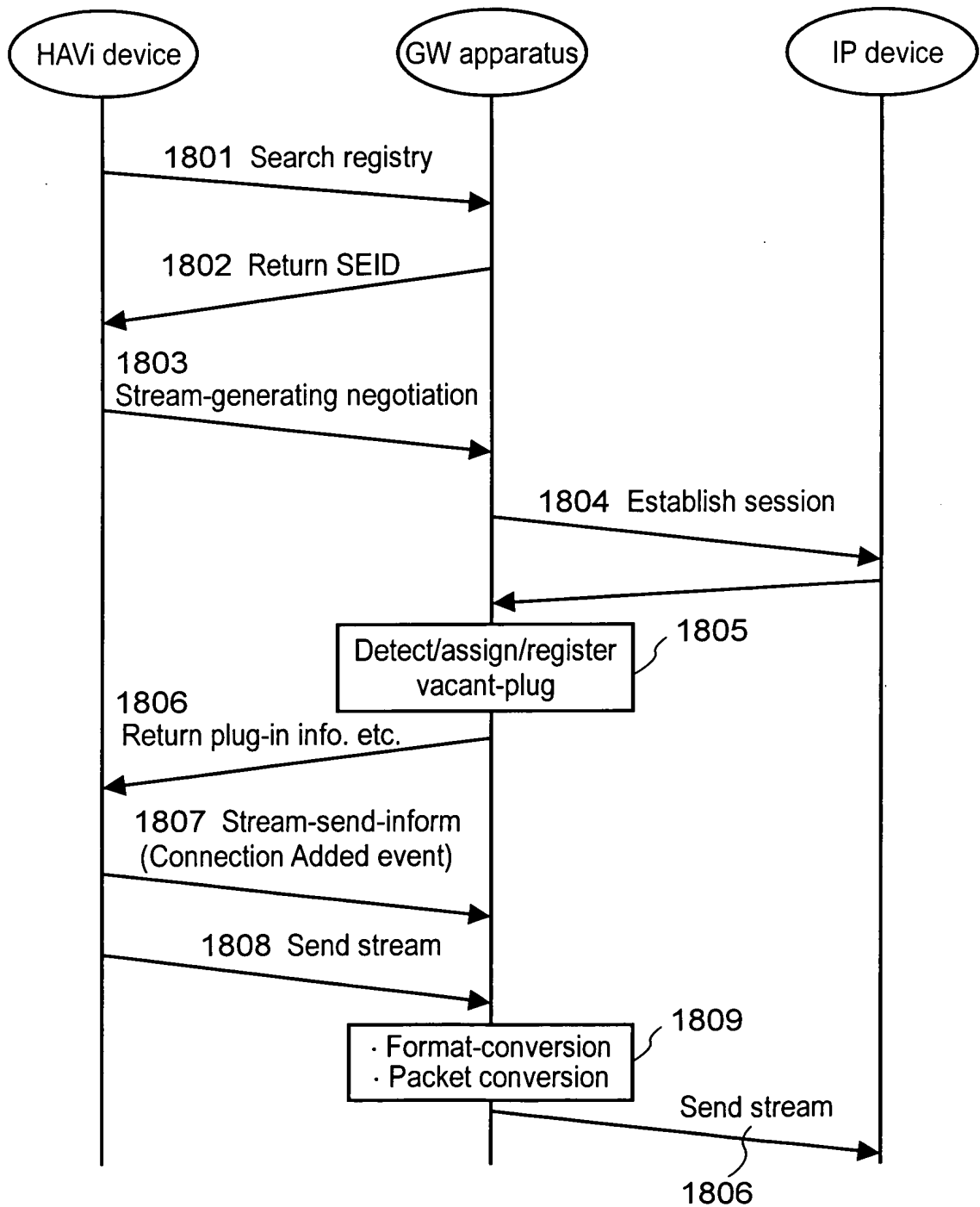


FIG. 19

Sequence diagram (disconnect)

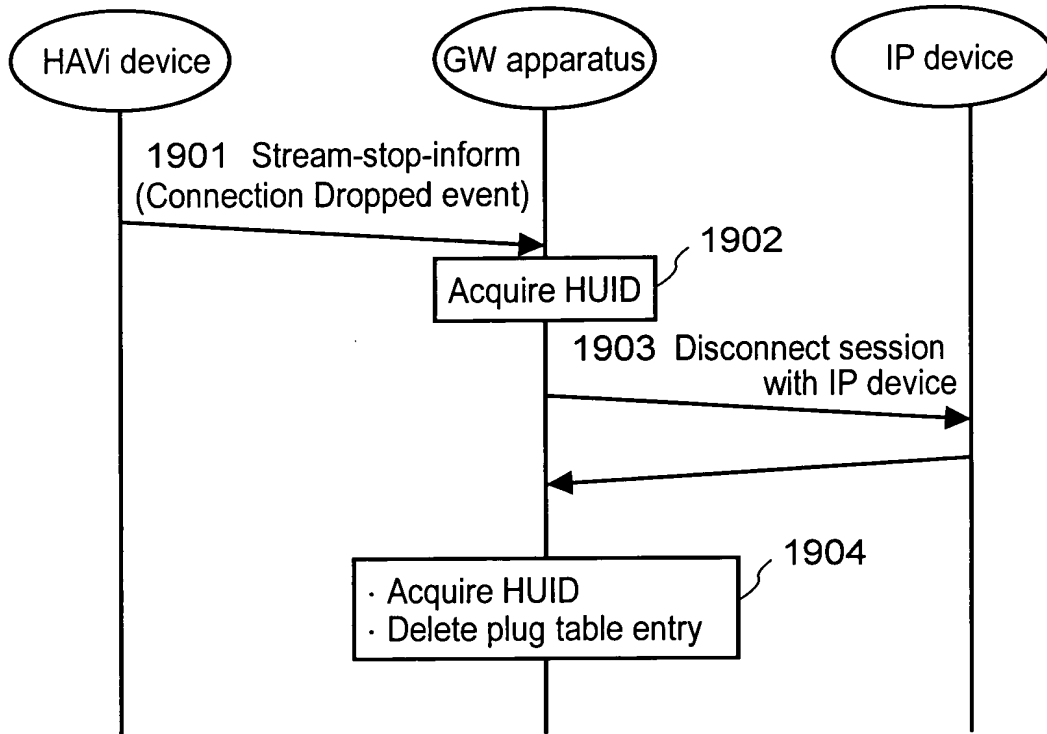


FIG. 20

2001	2002	2003	2004	2005
FCM HUID	FCM Plug No,	PCR No,	IP Port No,	
10-6	0	0.1	8082	
10-7	1	2	8083	

FIG. 21

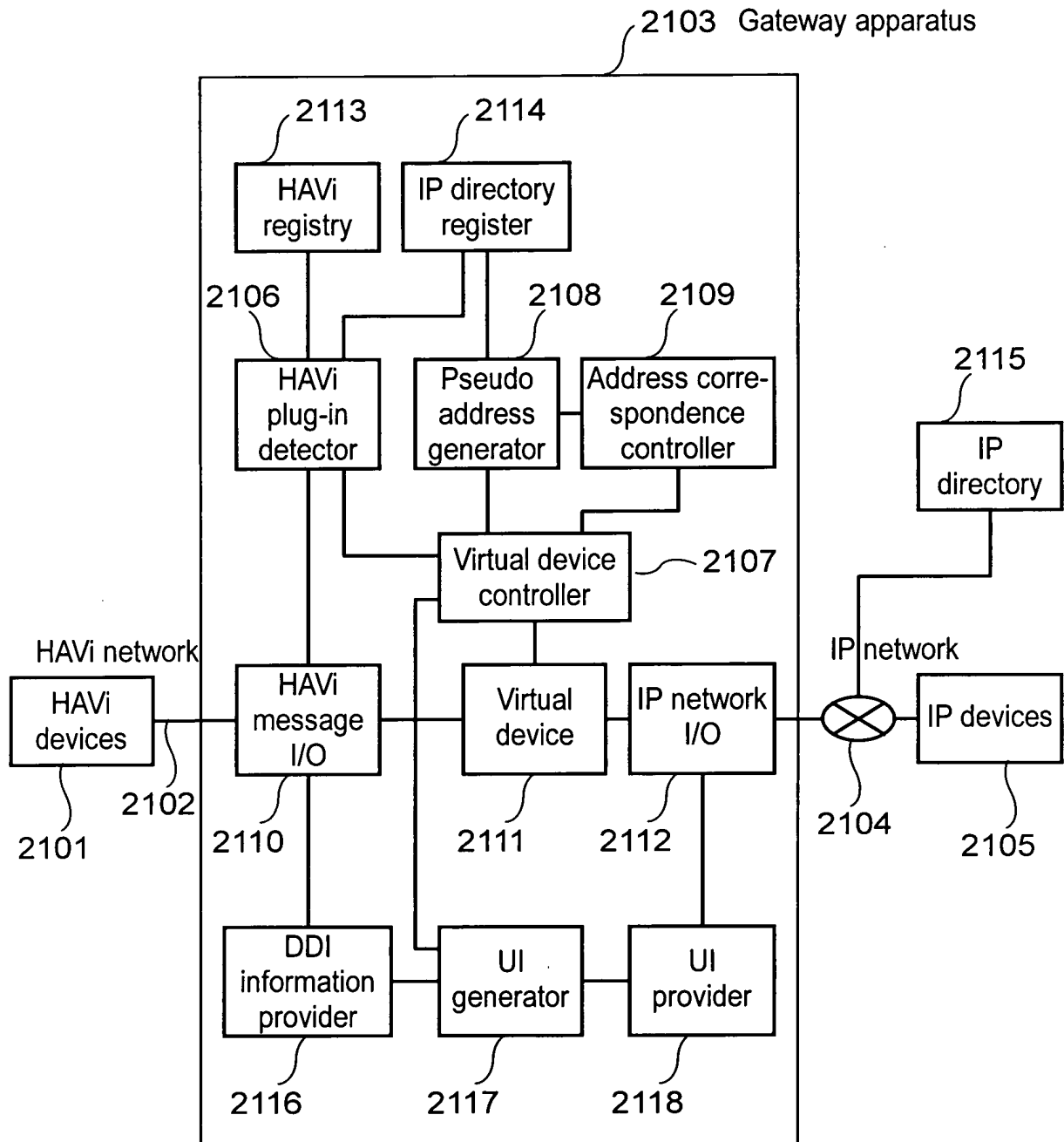


FIG. 22

DDI acquire sequence

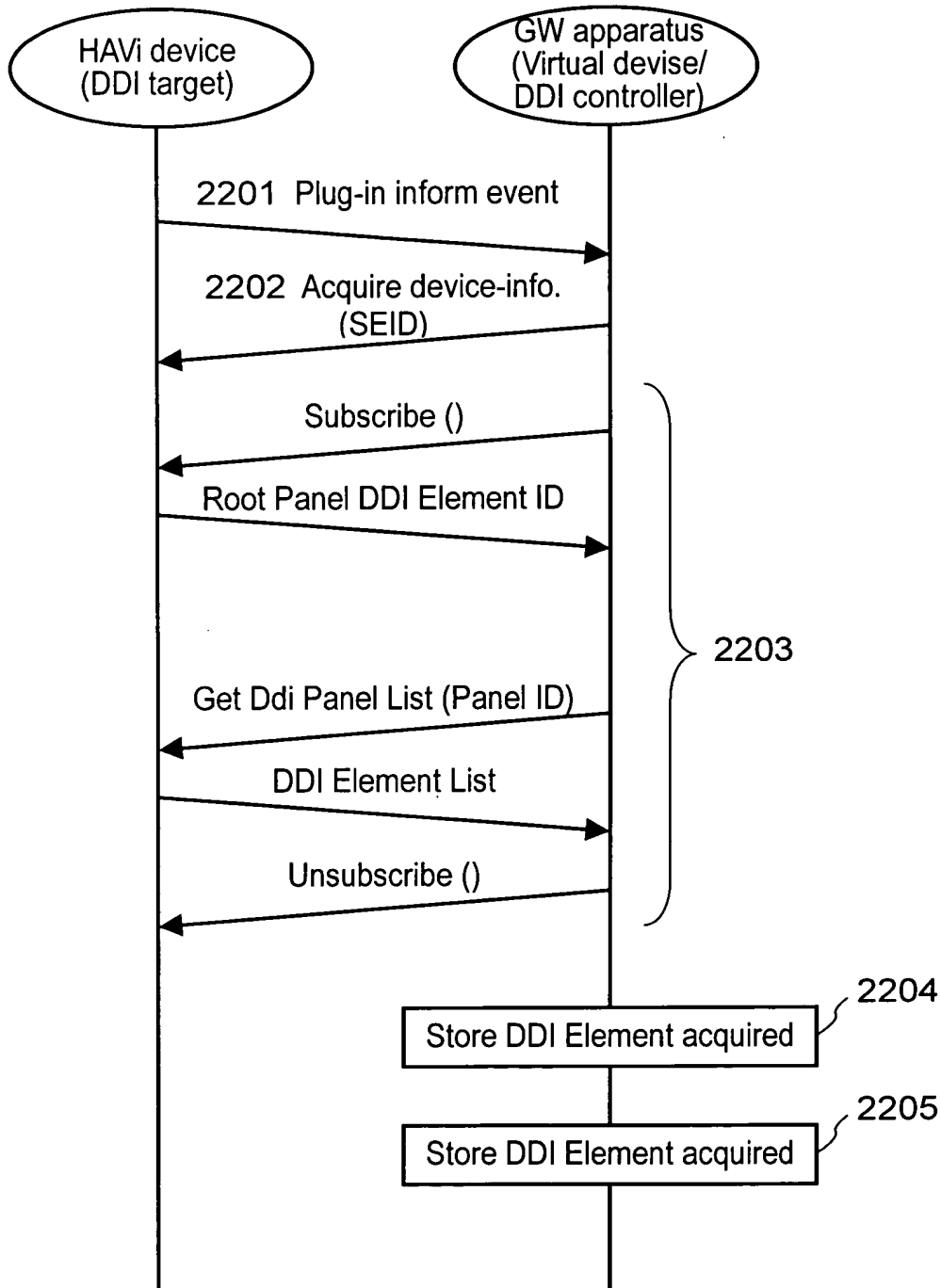
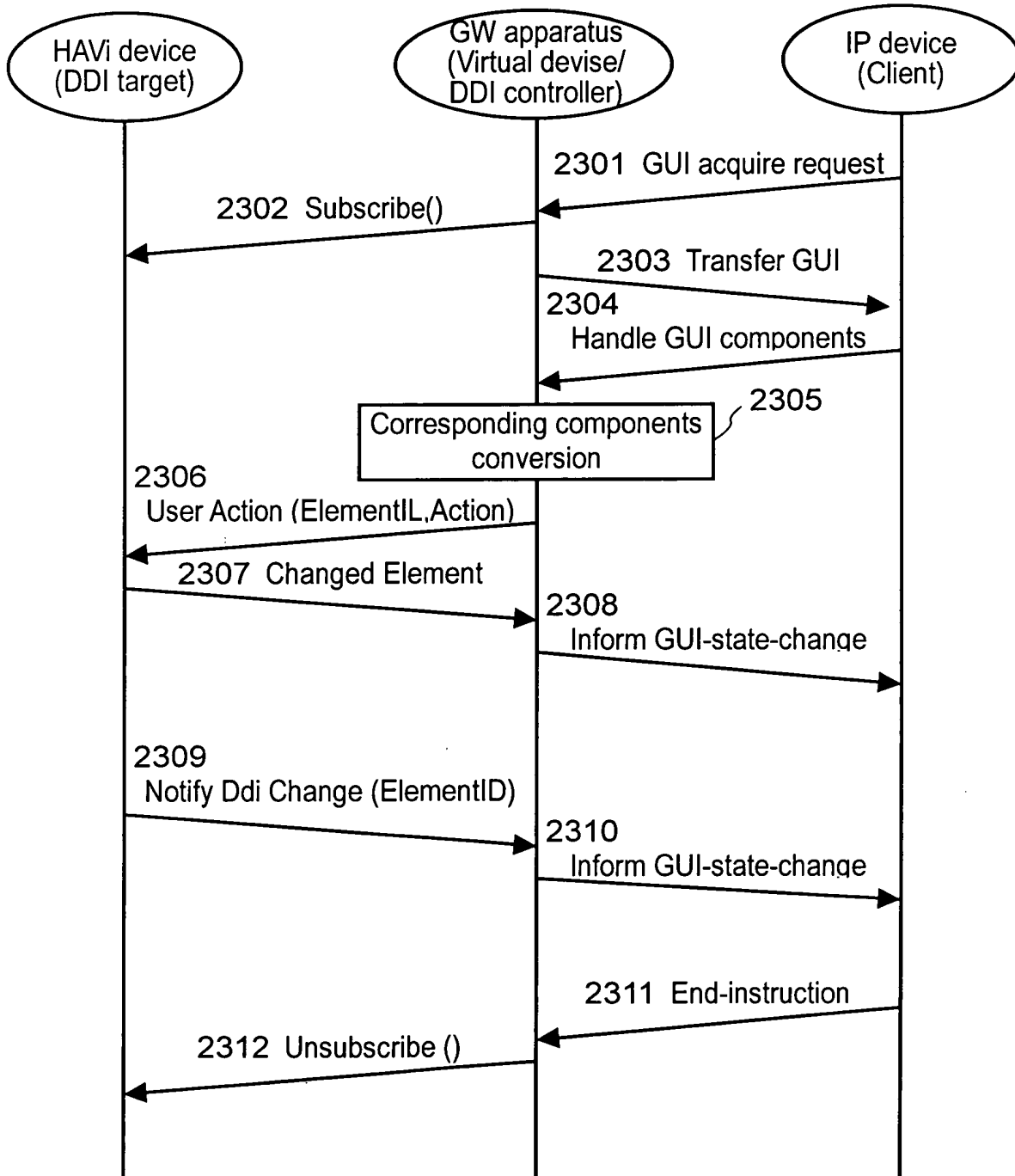


FIG. 23

GUID-operation-from-IP sequence



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FIG. 24

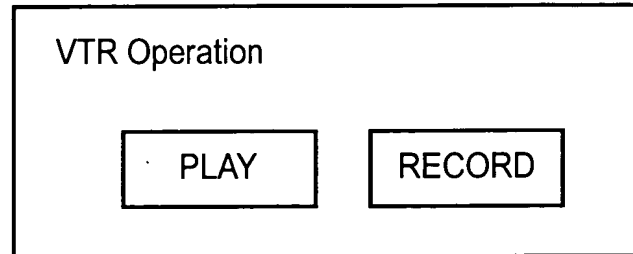


FIG. 25

HUID XXXX

Element Type	Label	Element ID
DDi Panel	VTR operation	0
DDi Button	PLAY	1
DDi Button	RECORD	2

FIG. 26

```
If(Event==Play_Pressed) then{
  CallDDi(1,Pressed);
}
elseif(Event==Record_Pressed)then{
  CallDDi(2,Pressed);
}
```

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FIG. 27

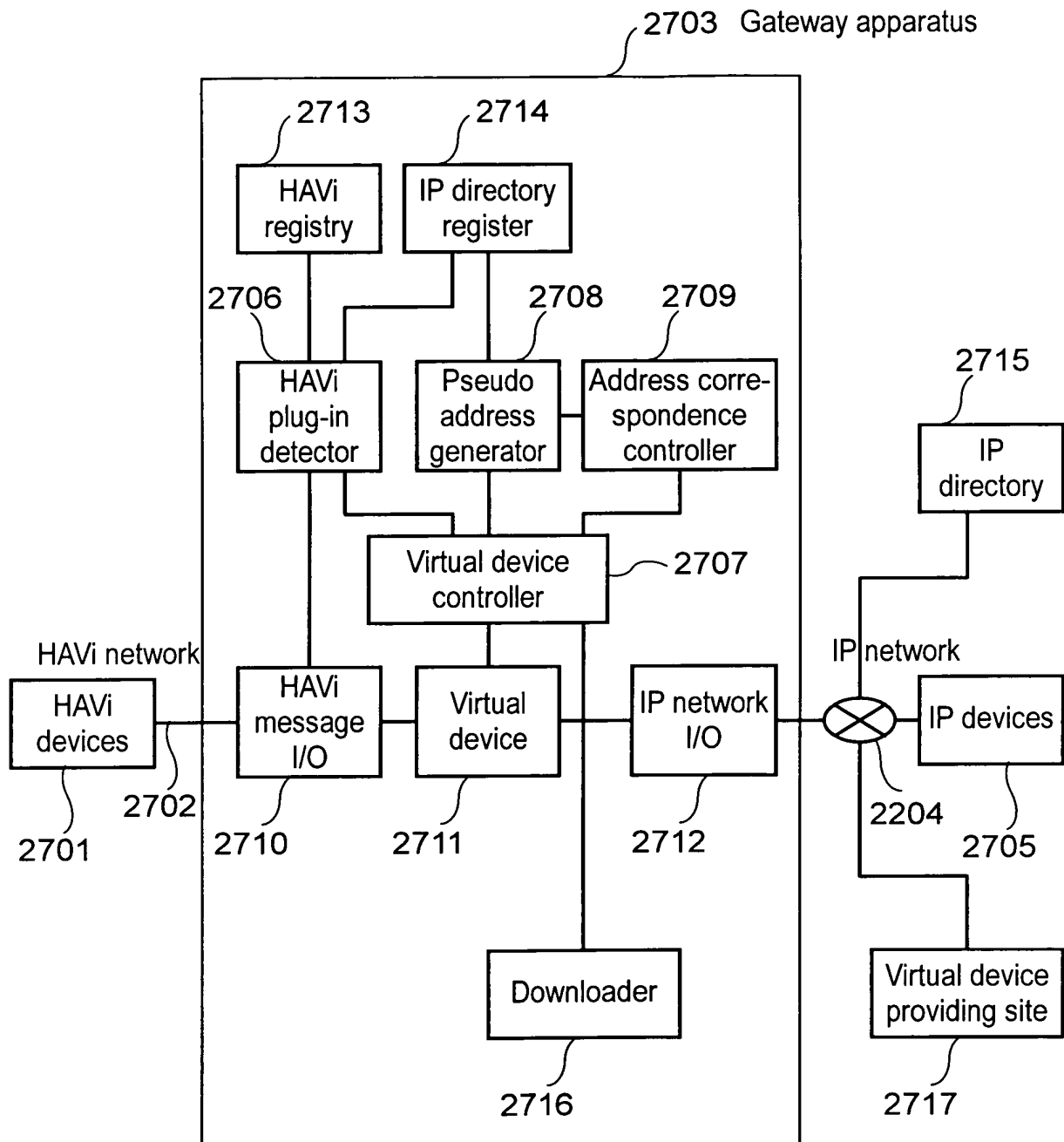


FIG. 28

Manufacturer	Device No,	URL	Current Version
XXXXXX	1234AZ1	http://www.[][]/1234AZ1/vdevise.exe	1.02

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FIG. 29

